Philips
CRT monitor

17"
real flat XGA

107S66

digitalized CRT, value and lead-free design

With first-ever one-chip Digital Deflection CPU for superb display, the exclusive High Bright Hot Key for instant brightness enhancement, ideal screen size and lead-free design, the 107S6 delivers an unbeatable mix of performance and value.

Outstanding front of screen performance

- Philips breakthrough advanced Digital Deflection CPU
- High Bright Hot Key instantly adjusts brightness levels
- XGA 1024x768 resolution for sharper display
- Easy-on-the-eyes high-bright, high-contrast tube
- Real flat CRT for natural, distortion and glare-free display
- sRGB ensures color matching between display and printouts

Great convenience

- Compatibility with PC and Mac platforms

Green design

- Lead-free design safeguards our environment
- Lower power consumption than the industry average
- MPRII ensures safety by limiting electromagnetic radiation
- Environmentally responsible Energy Star partner
- For your safety: Aerospace composite fire retardant case

PHILIPS

CRT monitor
17" real flat XGA

107S66/05

Technical specifications

Picture/Display
- Display screen type: Real Flat picture tube
- Panel Size: 17"/ 41 cm
- Phosphor: P22
- Recommended display area(mm): 306 x 230 mm
- Recommended Display Area(inch): 12" x 9"
- Dot pitch: 0.25 mm
- Dot Pitch (horizontal): 0.21 mm
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 60 Hz
- Recommended Resolution: 1024 x 768 @ 85 Hz
- Factory Preset Modes: 8 modes
- Factory Preset Mode: 640 x 480 @ 60 Hz, 640 x 480 @ 85Hz, 720 x 400 @ 70 Hz, 800 x 600 @ 75 Hz, 800 x 600 @ 85 Hz, 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 60 Hz
- Factory Preload Modes: 14 modes
- Video Dot Rate: 120 MHz
- Horizontal Scanning Frequency: 30 - 71 kHz
- Vertical Scanning Frequency: 50 - 160 Hz
- Recommended Refresh Rate: 85 Hz
- Screen enhancement: Anti-glare Polarizer, Anti-Reflection, Anti-Static, High Brightness, High Contrast
- Digital deflection
- sRGB
- GTF

Connectivity
- Cables: D-sub Video Cable, Power Cord
- Sync input impedance: 4.7k ohm
- Video input impedance: 75 ohm
- Video input signal levels: 0.7 Vpp
- Video Sync Input Signal: Separate Sync
- Video Sync Polarities: Positive and Negative
- Cable Connection: AC Power in

Convenience
- Convenience Enhancements: Menu Languages, On-screen Display
- Monitor Controls: Bright Direct Access, Contrast Direct Access, High Bright Hotkey, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Spanish, Portuguese, Korean, Simplified Chinese
- Plug & Play Compatibility: DDC 2B, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, FCC-B, UL, CSA, MPR-II, Low Emission, NUTEK, Energy Star, SEMKO, TÜV/GS, TÜV Ergo, FDA, EZU, GOST, MEEI, PCBC, CCC, BSMI, E2000
- Swivel: +/- 90°
- Tilt: -5° to 13°

Accessories
- Included Accessories: AC Power Cord
- Optional accessories: Multi-media base
- User Manual

Dimensions
- Dimensions (with base) (W x H x D): 397 x 383 x 424 mm
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -25°C to 65°C
- Weight: 15 kg

Power
- Complies with: Energy Star, NUTEK, E2000
- Consumption: 68 W (Typical)
- Off Mode: 1 W
- Power LED indicator: Off - Flashing Green, Operation - green
- Power supply: Built-in

Product highlights

Digital Deflection CPU
An exclusive Philips innovation -- the world's first one-chip CRT solution -- combines the deflection and the Microcontroller in a single chip to process and control input sync digitally. This innovative technology prevents electronic noise that can harm display quality, reduces display jitter and improves geometry for better front of screen performance.

High Bright Hot Key
A feature that delivers instant brightness adjustment to the ideal level for viewing text, Internet, game or multimedia applications, providing comfortable viewing and an enhanced experience for each type of application.

XGA, 1024 x 768 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1024-by-768 pixel screen is capable of displaying 1024 distinct dots on each of 768 lines, or about 786 thousand pixels. XGA provides resolutions of 640 by 480 or 1024 by 768 pixels.

High-bright-high-contrast tube
A CRT tube designed to increase display brightness and contrast by increasing the CRT ray gun's beam current.

Real flat CRT display
Philips advanced flat CRT technology reduces glare and reflection more efficiently than a conventional CRT. The special high-bright, high-contrast shadow mask helps maintain sharper focus and eliminates 'color blooming' compared to standard tubes. It displays images on a monitor that look like images on paper: Viewing the image is more comfortable. Straight lines are straight. Finding a reflection-free viewing position is much easier. This adds up to reduced eyestrain for a comfortable viewing experience.

sRGB ready
Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Two-platform compatibility
The ability to work with a variety of platforms; Philips monitors are compatible to connect with PC by employing a VGA connection and connect with Macintosh.

Lead-free
Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Energy efficiency
Reduction of the electrical power required to operate a device to achieve real savings.

MPRII compliant
The world standard setting stringent levels for electromagnetic radiation emitted by monitors.

Energy Star partner
A manufacturer in compliance with power conservation requirements set forth by the Environmental Protection Agency of the U.S. government.

Flame retardant case
PC/ABS plastic composite is the industry-best tough, flame-retardant casing material, a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors.

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